

19970718.qrp qrp-por0.790
 >From owner-qrp-l@Lehigh.EDU Thu Jul 17 18:03 CDT 1997
 >Received: from sco.theporch.com (sco.theporch.com [207.234.31.38])
 > by uro.theporch.com (8.8.7.Beta2/A-UX-3.1.1) with ESMTP id SAA20565
 > for <shimshon@uro.theporch.com>; Thu, 17 Jul 1997 18:03:57 -0500 (CDT)
 >Received: from fidoi.cc.lehigh.EDU (fidoi.cc.lehigh.EDU [128.180.1.4])
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 > for <shimshon@theporch.com>; Thu, 17 Jul 1997 23:03:50 GMT
 >Received: from Lehigh.EDU ([127.0.0.1]) by fidoi.cc.lehigh.EDU with SMTP id
 <34934-24888>; Thu, 17 Jul 1997 19:03:10 -0400
 >Date: Thu, 17 Jul 1997 19:03:08 EDT
 >Sender: owner-qrp-l@Lehigh.EDU
 >Precedence: bulk
 >From: qrp-l@Lehigh.EDU
 >To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
 >Subject: QRP-L digest 790
 >Mime-Version: 1.0
 >Content-Type: text/plain; charset=us-ascii
 >X-Listprocessor-Version: 8.1 beta -- ListProcessor(tm) by CREN
 >Message-Id: <97Jul17.190310edt.34934-24888+160@fidoi.cc.lehigh.EDU>
 >Status: 0

QRP-L Digest 790

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by SEAB&SHARON LYON <SSLYON@worldnet.att.net>
- 3) [23198] Re: 1:1 Choke/Balun
by Cecil A Moore <Cecil_A_Moore@ccm.ch.intel.com>
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- 5) [23200] QRP Seminar
by kt3a@juno.com
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- 8) [23203] 38S Problems!
by "Matt Wright, AE4JM" <cnw@HiWAAY.net>
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- 10) [23205] Cascade Build Time?
by "L. Jeffrey Hetherington" <jhetheri@freenet.npiec.on.ca>
- 11) [23206] Re: Amateur Band Limits
by "Marshall Emm" <mgemm@mtechnologies.com>

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- 15) [23210] N.E.QRP CLUB-IMPORTANT
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by gregoire@endor.com
- 17) [23212] FW: N.E.QRP CLUB-IMPORTANT
by gregoire@endor.com
- 18) [23213] Re: Coaxial Cable Ratings
by Zack Lau <zlau@arrl.org>
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by SEAB&SHARON LYON <SSLYON@worldnet.att.net>
- 20) [23215] Re: SST-13
by Chris Cartwright <ccart@dns.vidtel.com>
- 21) [23216] [Fwd: FS Test Equip]
by John Evans - N0HJ <jaevans@codenet.net>
- 22) [23217] Rainbow tuner (thanks for the info)
by "Mike B. Allred" <mallred@fscu.org>
- 23) [23218] WHICH QRP DUMMY LOAD?
by Ronald_A_Pfeiffer@ccmail.ed.ray.com
- 24) [23219] Re: 49Mhz to 6Meters conversion?
by Ed Loranger <we6w@qsl.net>
- 25) [23220] Alinco DX70 US prices
by tedk4mkx@nmaa.org (Edward Beach)
- 26) [23221] Homebrew Discreet Keyer Circuit?
by Ed Loranger <we6w@qsl.net>
- 27) [23222] RE: WHICH QRP DUMMY LOAD?
by n4js@amsat.org
- 28) [23223] met murphy this weekend
by Jim <kw3u@warwick.net>
- 29) [23224] ANTENNA TUNING
by ARDUJENSKI@aol.com
- 30) [23225] RE: WHICH QRP DUMMY LOAD?
by Stephan Greene <sgreene@washsq.com>
- 31) [23226] RE: WHICH QRP DUMMY LOAD?
by "Watson R Gabriel Jr" <wgabriel@duke-energy.com>
- 32) [23227] Cee Bee conversions
by Bill Howell <bhowell@mail.utexas.edu>
- 33) [23228] Re: WHICH QRP DUMMY LOAD?
by Ed Loranger <we6w@qsl.net>
- 34) [23229] Re: met murphy this weekend
by James Parsons <k5rov@worldnet.att.net>
- 35) [23230] Dummy Load Note
by "Watson R Gabriel Jr" <wgabriel@duke-energy.com>

- 36) [23231] Re: SST-13
by Kory Hamzeh <kory@avatar.com>
- 37) [23232] Re: met murphy this weekend
by Rick Powell - WB6JBM <ripowell@mpna.com>
- 38) [23233] Re: WHICH QRP DUMMY LOAD?
by Dale Anderson <dalea@artemis.fc.hp.com>
- 39) [23234] Tuner Tests
by "Bob Kellogg" <ae4ic@nr.infi.net>
- 40) [23235] [Fwd: FS: HW-8 Radio]
by John Evans - N0HJ <jae@codenet.net>
- 41) [23236] Tech America Catalog
by RFMooreJr@aol.com
- 42) [23237] Re: Tech America Catalog
by "Ranson J. Pelt" <pelt@vt.edu>
- 43) [23238] Re: HELP, my SST howls
by Kory Hamzeh <kory@avatar.com>
- 44) [23239] 50/40/30
by Martin Squicciarini <skitch@resuba.com>
- 45) [23240] test
by Steven Weber <kd1jv@ncia.net>
- 46) [23241] RE: Tech America Catalog
by John Evans - N0HJ <jae@codenet.net>
- 47) [23242] RE: WHICH QRP DUMMY LOAD?
by "Arjen Raateland, FEI/Impacts Research" <Arjen.Raateland@vyh.fi>
- 48) [23243] Sierra Vitamin V Mod, Anyone?
by Joe Gervais <vole@primenet.com>
- 49) [23244] RE: Tech America Catalog
by Rick Powell - WB6JBM <ripowell@mpna.com>
- 50) [23245] QRPP Arrived Today!
by k7sz@juno.com (Richard H. Arland)
- 51) [23246] QRPP
by Richard Wilkerson <richqrp@cts.com>
- 52) [23247] mailer fixed
by Steven Weber <kd1jv@moose.ncia.net>
- 53) [23248] WBL Keyer help, please
by Joe Gervais <vole@primenet.com>
- 54) [23249] Re: Tech America Catalog
by Ed Loranger <we6w@qsl.net>
- 55) [23250] Re: met murphy this weekend
by Ed Loranger <we6w@qsl.net>
- 56) [23251] Re: WBL Keyer help, please
by Bob Hirsch <bobh@p3.net>
- 57) [23252] tower guying ???
by "Phil, K6LS" <k6ls@qsl.net>
- 58) [23253] S&S Engineering Roolz!
by NilsBull@aol.com
- 59) [23254] 49 MHz to 6 meter conversion
by John Fletcher <johnf@innotts.co.uk>

Date: Wed, 16 Jul 1997 23:03:42 +0100
From: Hank Kohl <k8dd@contesting.com>
To: cereste@myapc.com
Cc: qrp-1@Lehigh.EDU
Subject: [23196] Re: half square
Message-ID: <2.2.32.19970716220342.0075eb24@tir.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

At 10:30 7/16/97 -0500, you wrote:
>I think I've seen this antenna design
>mentioned on here before, so maybe
>someone can help me. I borrowed a MFJ
>-9420 yesterday, and am thinking of trying
>a half square with it for the next few
>weeks. What are the dimensions for, say
>14.200? I know its basically 1/2 wave on
>the top and 1/4 wave on the two legs, but I
>get mixed info from various sources, such
>as should the two vertical legs be equal?

Yes, equal. I really don't think that 6"
will make a whole lot of difference, though.

>I
>think they should be, but have been told
>they should be 6" different. Is the top
>really 1/2 wave or is there a velocity factor
>multiplier? I'm planning to use 14 AWG
>copper, fed with RG-213.

You were doing good till you said "fed with
RG-213. Put the tuner in a Tupperware
dish at the base of either leg. Feed it like
a long wire. Cut a hole for the coax from the
radio, hook it up, stuff some insulation in the
hole so it can breath, but keep the mammals
out. Tune it for 14.060 and it will be a
broadside vertical beam.

No velocity factor on the top. 1/4 wave up,
1/2 wave across the top, 1/4 wave down. Tie
one end of a short piece of fishing line to
the bottom of the down leg. Tie a rock to
the other end of the fishing line.

>
>Is the short leg connected to the braid, or
>does it make no difference?

If you must feed it with RG-213 (shudder) the braid goes to the top piece and the center conductor goes to the vertical piece. I've seen writeups where they say the coax MUST go away from the feed point on a 45 degree angle inside the half square. On 40M I've tried it both ways (inside the square and out) and always went back to feeding the base on half squares and bobtail antennas.

>
>73, Paul K1CGZ
>

73 Hank K8DD

*/ Hank Kohl K8DD k8dd@contesting.com
*/ ARRL TS (k8dd@ttr.com)
*/ MI-QRP - Vice Pres. QRP-ARCI - Director
*/ G-QRP ARRL/LM QCWA/LM QCAO/LM

Date: Wed, 16 Jul 1997 23:08:54 +0000
From: SEAB&SHARON LYON <SSLYON@worldnet.att.net>
To: jskalski@acsu.buffalo.edu, qrp-1@Lehigh.EDU
Subject: [23197] Re: insulated shaft coupler
Message-ID: <19970716230852.AAA3786@LOCALNAME>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

A CHEAP, EFFECTIVE SHAFT COUPLER CAN BE MADE OF A LENGTH OF TYGON TUBING. (or any other kind of flex-hose) For more torque capacity, just fill the tubing with sand and use hose clamps on each end to prevent the dreaded BEACH SYNDROME. =S=

.....
At 10:41 PM 7/16/97 +0000, you wrote:
>
>I broke the insulated, flexible shaft coupler for my antenny-tuner.

>The broken one is plastic and made to fit a 1/4" shaft on each end.
>The unit is 5/8" long and 5/8" wide.
"Seab" Lyon -- AA1MY
Bethel, CT; USA FN-31-HJ
ARCI #9253; QRP-L # 574
NEQRP# 511; ARRL; QCWA;
C.A.R.A.

Date: Wed, 16 Jul 97 16:38:00 PDT
From: Cecil A Moore <Cecil_A_Moore@ccm.ch.intel.com>
To: qrp-l@Lehigh.EDU
Subject: [23198] Re: 1:1 Choke/Balun

>From: Dale Anderson <dalea@artemis.fc.hp.com>
> Well, I've always used the coil of coax at the feedpoint trick
> for this purpose, but I have one question about this method. How
> critical is the inductance of this "choke"? I mean, I usually just
> wind them per the ARRL antenna book, something like 8 turns
> around a 6" form (can't recall off-hand), but what if I'm using
> RG-58 and the form is much smaller, say 2" and I wind some 15 turns?
> How critical is it all? Based on the lack of information I've
> seen on this, one could assume it isn't that critical at all.
> Comments? Also, which method is more effecient (electrically), the
> coil or the ferrite? Dale, KB0VCC

Hi Dale, with QRP, it's hard to tell if one has currents on the outside of the braid or not. With QRO, it's pretty easy. Back in the days of metal microphones, most hams had scars on their lips. :-)

Coils of coax work just fine if the inductance is high enough. My problem with coils of coax is that I don't know the inductance. I can calculate it if I am using beads. The amount of inductance one needs depends on the load. IMO, 8 6" turns are not enough for 80m and definitely not for 160m. I basically like to minimize the coax in the system. Multiple turns of (teflon) coax on a single toroid makes a good 1:1 choke also.

73, Cecil, W6RCA, 00TC

Date: Wed, 16 Jul 1997 21:17:31 EDT
From: dwink@juno.com (Daniel C Winkler)

To: bill@techline.com, qrp-1@Lehigh.EDU
Subject: [23199] Re: 49Mhz to 6Meters conversion?
Message-ID: <19970716.182130.7911.2.DWink@juno.com>

Hi Bill,

On Mon, 14 Jul 1997 09:02:51 -0700 Bill Todd <bill@techline.com> writes:

>I own a pair of DSI 49 Mhz walkie talkies that are made to look like a
>Motorolla "Flip Phone". To send out CW, you just push the key pad
>the whole thing moves in and out). You are right about the "rush" of
>audio when you turn this little puppy on.
>
>The only hang up in the modification is the \$15 crystal. I wonder if
>there is a source for a really CHEAP crystal that would do the job.
>Any ideas?

Bill, WJ50, suggested a 17.1 MHz computer crystal, on 3rd overtone.
Since the oscillator is already set up as an overtone oscillator, it
would
probably work just fine.

The real problem is that RUSH. I bought my pair thinking that
a buddy (N7TAU) and I could play with them (we lived about 300 yds
apart at the time). However, the rush is just unbearable, and
designing a squelch would be an unpleasant task, given the lack of
a schematic, and would probably double the complexity of the rig.
I think just starting over from scratch would be easier.

But if you can tolerate the noise of the super-regen, then \$1.75
for a new crystal and tweaking the receiver coil gets you a toy on
6m.

73, Dan Winkler N7IVR Seattle, WA DWink@Juno.com

Date: Wed, 16 Jul 1997 22:03:09 EDT
From: kt3a@juno.com
To: qrp-1@Lehigh.EDU
Subject: [23200] QRP Seminar
Message-ID: <19970717.214753.5415.5.kt3a@juno.com>

Central Pennsylvania QRP Seminar

The QRP Society of Central Pennsylvania will host
a two hour QRP Seminar on Saturday 16 August 97

during the York PA Hamfest in the Pennsylvania Room
of the Banquet Center on the York Fairgrounds.

A luncheon catered by the Altland House Banquet
Center, will be available for QRPers, ATVers, and
other participants in multiple seminars from 1200
to 1315 in the combined Pennsylvania Room. The
menu will include sandwiches, drinks, and desert
for \$10.00. PREREGISTRATION REQUIRED.

The QRP session will be in Penn. Room 2 from 1315
to 1400. We will have QRP-L's own Rich Arland, K7SZ, giving a
presentation on "Why QRP?". A 15 minute break about 1400 follows.
Bring your projects. We will have a show and tell,
with a contest for best homebrew project.
The Winner will receive one years membership in the Central Pennsylvania
QRP Society.

Cameron C.R. Bailey <><
Amateur Radio, KT3A/QRP
kt3a@juno.com
Mount Wolf, Pennsylvania

Date: Wed, 16 Jul 1997 21:09:36 -0700
From: claudewb9euu@juno.com (CLAUDE PALUSKI)
To: qrp-l@Lehigh.EDU
Subject: [23201] Thanks for the help
Message-ID: <19970716.210938.2662.1.CLAUDEWB9EUU@juno.com>

Many thanks to the people who helped with my problem with the TRAC keyer.
Changed the wiring on the output jack, and it works like a charm.
It is just what I wanted-no memories,no programming, just sends cw.

Still would like to get a Manual and schematic for future reference.

72
claudewb9euu@juno.com

Date: Wed, 16 Jul 1997 22:23:33 EDT
From: wb2vuo@juno.com (William K Hibbert)
To: qrp-l@Lehigh.EDU

Subject: [23202] Amateur Band Limits

Message-ID: <19970716.222254.8223.3.wb2vuo@juno.com>

I had a question the other day about band limits. Here's the current band limits by license class from the FCC Rules (Part 97). For simplicity, I have broken these down to Voice and CW, and while I realize that CW is allowed in the whole band, I am listing the CW-only sections as a separate "band". The digital modes, such as RTTY/AMTOR PACTOR/G-TOR/etc. are included in these area, too.

160 Meters

1.800 - 2.000 MHz: Phone & CW, General/Advanced/Extra

80 Meters

3.500 - 3.750 MHz: CW, Extra
3.525 - 3.750 MHz: CW, General/Advanced
3.675 - 3.725 MHz: CW, Novice/Tech +
3.750 - 4.000 MHz: Phone, Extra
3.775 - 4.000 MHz: Phone, Advanced
3.850 - 4.000 MHz: Phone, General

40 Meters

7.000 - 7.150 MHz: CW, Extra
7.025 - 7.150 MHz: CW, General/Advanced
7.100 - 7.150 MHz: CW, Novice/Tech +
7.150 - 7.300 MHz: Phone, Advanced/Extra
7.225 - 7.300 MHz: Phone, General

30 Meters

10.100 - 10.150 MHz: CW, General/Advanced/Extra

20 Meters

14.000 - 14.150 MHz: CW, Extra
14.025 - 14.150 MHz: CW, General/Advanced
14.150 - 14.350 MHz: Phone, Extra
14.175 - 14.350 MHz: Phone, Advanced
14.225 - 14.350 MHz: Phone, General

17 Meters

18.068 - 18.110 MHz: CW, General/Advanced/Extra
18.110 - 18.168 MHz: Phone, General/Advanced/Extra

15 Meters

21.000 - 21.200 MHz: CW, Extra
21.025 - 21.200 MHz: CW, General/Advanced
21.100 - 21.200 MHz: CW, Novice, Tech +
21.200 - 21.450 MHz: Phone, Extra
21.225 - 21.450 MHz: Phone, Advanced
21.300 - 21.450 MHz: Phone, General

12 Meters

24.890 - 24.930 MHz: CW, General/Advanced/Extra
24.930 - 24.990 MHz: Phone, General/Advanced/Extra

10 Meters

28.000 - 28.300 MHz: CW, General/Advanced/Extra
28.100 - 28.300 MHz: CW, Novice/Tech +
28.300 - 29.700 MHz: Phone, General/Advanced/Extra
28.300 - 28.500 MHz: Phone, Novice/Tech +

The VHF/UHF/SHF bands are available to all classes, all modes allowed, except for Novices, who have two ranges in the bands, 222.000 - 225.000 MHz and 1270.000 - 1295.000 MHz. The lower 100 KHz of the 6 and 2 Meter bands are CW ONLY (no RTTY/AMTOR/PACTOR/etc...), other than that all modes are allowed throughout the band(s).

If you have a question on power limits and whatever check out the FCC Rule Book from the ARRL. A good investment, and updated yearly. This contains the full text of Part 97 plus a breakdown, section-by-section, explaining the fine points of the regs...

72/73, Keith, WB2VUO, QRP-L #582, scQRP 40, 100% QRP
Tech Specialist (ARRL/WNY), ARRL Life Member,
Trustee, NQ2RP/B 10 Mtr QRP Beacon (QRP @ 28.287 MHz)
"In the Depths of the Great Bergen (NY) Swamp...FN13ac"
Packet - wb2vuo@w2im.#wny.ny.usa.noam *** Email - wb2vuo@juno.com
SnailMail - CBA *** Phone - 716.494.1239

"My Night Light runs more power than my Rig!!!"

Hey Gang,

Speaking of the 38S, I done the 5 watt mod a while back, I don't remember having any problems with it, now when I turn my rig on, the IRF510 gets hot. Basically what I'm saying is after about 3 seconds of power up my IRF510 could be used as a soldering iron. Hee Hee! Any ideas? I don't know if there is a short or what? Matt, AE4JM

thx,
john

John A. Evans	Chief Systems Administrator
Office: (719) 528-1800 x164	Titan Software Systems
Fax: (719) 528-1888	1115 Elkton Drive, Suite 200

email: jaevans@cos.cst.titan.com Colorado Springs, CO 80907-3535

Norcal #262 QRP-L #219 QRP-ARCI #8303 NE-QRP #213 CQC #045
CQrp #15 NJ-QRP #50 AK-QRP #52 NW-QRP #454 FISTS #3184
Personal Web Page: <http://www.geocities.com/capecanaveral/9773/>

Date: Wed, 16 Jul 1997 22:57:22 -0400 (EDT)
From: "L. Jeffrey Hetherington" <jhetheri@freenet.npiec.on.ca>
To: Multiple Recipients of List <qrp-l@Lehigh.EDU>
Subject: [23205] Cascade Build Time?
Message-ID: <Pine.A41.3.96.970716225527.43018C-100000@NiagaraNet.npiec.on.ca>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Hi gang! My father is about to tackle the NorCal Cascade, and was wondering what type of time is expected to be tied up in getting it built. I would describe him as an intermediate builder but probably a little rusty ... ("has it really been 20 years since I built those Heathkits!?!")

Thanx.

Jeff - VA3JFF

=====
L. JEFFREY HETHERINGTON
Niagara Falls, Ontario, Canada
E-mail: L.Jeffrey.Hetherington@InternetAddress.com

Date: Wed, 16 Jul 1997 21:35:04 +0000
From: "Marshall Emm" <mgemm@mtechnologies.com>
To: wb2vuo@juno.com
Cc: qrp-l@Lehigh.EDU
Subject: [23206] Re: Amateur Band Limits
Message-ID: <199707170335.VAA16895@lynx.csn.net>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT

Hi, Bill--

>>I had a question the other day about band limits.
<<

Thanks for posting those. I'm sure nobody here needs a reminder, but I have been a bit surprised lately at the number of operators who are operating over the edge of the band. Less of a problem with CW, maybe, but very noticeable on SSB. Evidently a lot of them think if the digital display says, for example, 14.350, they are legal.

I check calibration frequently, but still (rule of thumb) stay a KHz away from the edge on CW and on SSB on the low bands, 3KHz on the high bands. Probably that comes from the old days when you'd get a little love note from the Government for the slightest incursion.

BTW, the complete Part 97 text can be found on the web at <http://www.afn.org/~gars/fcc/part-97.txt> in either ASCII or hyper-text linked format.
73

Marshall Emm
N1FN/VK5FN
n1fn@mtechnologies.com
<http://www.mtechnologies.com/mthome>
(303)752-3382
--

Date: Thu, 17 Jul 1997 00:35:27 -0400 (EDT)
From: N8mgu@aol.com
To: qrp-1@Lehigh.EDU
Subject: [23207] info wanted
Message-ID: <970717003525_1211856843@emout13.mail.aol.com>

Hi. At Dayton I purchased one of the VU transmitter board kits and a crystal for the 80m "color-burst" frequency. I am beginning to put it together and add on the associated circuitry to make it a transceiver. Has anyone built one of these? What are your opinions? Also, are there any mods?

I am also looking for any and all information on the Pixie 2, including description, sources, any mods, etc...

Thanks. Larry Mittman (N8MGU)

Date: Wed, 16 Jul 1997 21:50:16 -0700 (PDT)
From: camqrp@cyberg8t.com (Cam Hartford)
To: qrp-1@Lehigh.EDU
Subject: [23208] MW Field Day Entries
Message-ID: <199707170450.VAA05866@key.cyberg8t.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Gang -

Here's an interim list of entries I have received for the Milliwatt Field Day competition. If you have sent an entry and you are not on the list, let me know so we can get about finding it.

Via e-mail:

K8CV
N0UR
WE6W
AH7R
AE4MZ

Via Snail-Mail:

KB9LGJ
W1HUE
N4BP
N4ROA
W2UX
W5VBO
AA7QU
W3TS

Via Other Means:

N6GA

It seems like there were about 50 FD reports posted here to the list -- don't be bashful about submitting an entry! This contest is not limited to just Milliwatters, we take all contestants, 5 watts and down. And we give out real Hardware, some of which K5FO is going to have to pay for all by himself. Who will make him pay?

72/73,

Cam N6GA
QRP ARCI Contest Manager

Date: Thu, 17 Jul 1997 00:41:10 -0700
From: talljazz@teleport.com (Dan Presley)
To: qrp-l@Lehigh.EDU
Subject: [23209] SST-13
Message-ID: <v01530527aff37a39e5bd@[206.163.125.19]>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Well-first QSO w/ my SST-20-13 was about 10 blocks away! But, it works quite nicely. A few comments- freq coverage is from 14052-060 with 4.7uH choke for RFC 3, and 14044-055 with other varactor (I have them selectable with toggle switch mounted on the front). The mod for tuning linearity (18K resistor across R4) works very well, and I had no trouble with sharp tuning. Audio is a bit lower than I prefer, but will leave it as is for now. I am having a problem with the audio level of the "sidetone" being very hot, and I have to back off the audio gain before xmit or my ears are blown off! I realize that it's actually monitoring the output- Anyone else experience this, or is it unique? Other than that, it receives quite well, and I'm anxious for condx on 20 to improve for more qsos!
Dan N7CQR

Date: Tue, 15 Jul 97 10:37:41 PDT
From: gregoire@endor.com
To: Low power amateur radio discussion <qrp-l@Lehigh.EDU>, Colorado QRP club <cqc@aol.com>
Cc: ARCI <camqrp@cyberg8t.com>, Bill Acito 22-Jan-1997 1314 <acito@asdg.ENABLE.dec.com>, Bill Studley <aa1oc@concentric.net>, billmcnally@lucent.com,
Chet Bowles <bowles@cmf.org>, Chuck Adams <adams@chuck.dallas.sgi.com>, Colorado QRP club <cqc@aol.com>, Dave Sarraf <sarraf@thermacore.com>,
Subject: [23210] N.E.QRP CLUB-IMPORTANT
Message-ID: <Chameleon.970715112015.GREGOIRE@Gregoire.endor.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Hello Gang,

It is my sad duty to inform you that the N.E.QRP CLUB as we know it will no longer be sending out a newsletter.

We will no longer be accepting dues, which were collected to basically cover the cost of the printing, and mailing.

We will be returning any recent checks sent in.
We will also be trying to sort out some of our records to repay those who have never received a copy of the newsletter. We will do our best.

Dennis Marandos K1LGQ , 72 Newslettter Editor is no longer able to put the newsletter out. He has done so heroically, and times single handed.

Thank you Dennis for a job well done.

What happened?

No articles to print,= no newsletter

No help= no newsletter.

The future?

We will continue to be the New England Qrp club.
We will be loosely held together by E-mail, and special events that folks are willing to volunteer for. For instance QRP AFIELD will be held this year and help is available in labor and via financial donations. One guy has already volunteered.

We will pay our debts, and donate the remaining money if there is any to another QRP club.

I apologize to those who sent money in good faith and never received anything for it. We had personnel problems and tried to get it fixed. We will try to do what is right with our remaining recourses.

73

de AA1IK,
Ernie Gregoire

Lead by example.

It is better to pull a string,
than to push it.

R.R. 1, Box 221,
South Rd.
Canaan, NH. 03741

Fists # 2644, N.E.QRP # 202
QRP-L # 95, Fly fisher & tier,
Promise Keeper.

E-mail address: gregoire@endor.com

packet address: AA1IK@WA1WOK.FN43FE.NH.USA.NA

07/15/97 10:37:41

Date: Thu, 17 Jul 97 07:34:30 PDT
From: gregoire@endor.com
To: Low power amateur radio discussion <qrp-l@Lehigh.EDU>
Cc: ARCI <camqrp@cyberg8t.com>, Bill Acito 22-Jan-1997 1314
<acito@asdg.ENABLE.dec.com>, Bill Studley <aa1oc@concentric.net>,
billmcnally@lucent.com,
Chet Bowles <bowles@cmf.org>, Colorado QRP club <cqc@aol.com>, Dave Sarraf
<sarraf@thermacore.com>, debclark@vermontel.com,
Subject: [23211] FW: N.E.QRP CLUB-IMPORTANT
Message-ID: <Chameleon.970717073816.GREGOIRE@Gregoire.endor.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; CHARSET=US-ASCII

The original message was destroyed,
due to provider problems.

-----Original Message-----
Hello Gang,

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Fists # 2644, N.E.QRP # 202
QRP-L # 95, Fly fisher & tier,
Promise Keeper.

E-mail address: gregoire@endor.com

packet address: AA1IK@WA1WOK.FN43FE.NH.USA.NA

07/15/97 10:37:41

-----End of Original Message-----

WIMPS
12 M ST/PRV,DX 17 M ST\PRV,DX 30 M ST/PRV,DX
00--00 01--00 03--00

de AA1IK,
Ernie Gregoire

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South Rd.
Canaan, NH. 03741

Fists # 2644, N.E.QRP # 202
QRP-L # 95, Fly fisher & tier,
Promise Keeper.

E-mail address: gregoire@endor.com

packet address: AA1IK@WA1WOK.FN43FE.NH.USA.NA

07/17/97 07:34:30

Date: Thu, 17 Jul 97 07:44:13 PDT
From: gregoire@endor.com
To: Low power amateur radio discussion <qrp-1@Lehigh.EDU>
Subject: [23212] FW: N.E.QRP CLUB-IMPORTANT
Message-ID: <Chameleon.970717074453.GREGOIRE@Gregoire.endor.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; CHARSET=US-ASCII

original message destroyed due to provider
problems.

-----Original Message-----

Hello Gang,

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Canaan, NH. 03741

Fists # 2644, N.E.QRP # 202
QRP-L # 95, Fly fisher & tier,
Promise Keeper.

E-mail address: gregoire@endor.com

packet address: AA1IK@WA1WOK.FN43FE.NH.USA.NA

07/15/97 10:37:41

-----End of Original Message-----

12 M ST/PRV,DX WIMPS 30 M ST/PRV,DX
 00--00 01--00 03--00

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Ernie Gregoire

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QRP-L # 95, Fly fisher & tier,
Promise Keeper.

E-mail address: gregoire@endor.com

packet address: AA1IK@WA1WOK.FN43FE.NH.USA.NA

07/17/97 07:44:13

Date: Thu, 17 Jul 1997 08:27:41 -0400
From: Zack Lau <zlau@arrl.org>
To: qrp-l@Lehigh.EDU
Subject: [23213] Re: Coaxial Cable Ratings
Message-ID: <33CE0FBD.2C0B@arrl.org>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Has anyone done a study to determine what "nominal" or
"typical" really means? My guess is that coax cable tables
often contain a mixture of different specifications,
depending on who the cable was originally intended for...

--Zack Lau W1VT

Date: Thu, 17 Jul 1997 12:29:46 +0000
From: SEAB&SHARON LYON <SSLYON@worldnet.att.net>
To: "J. Skalski" <jskalski@acsu.buffalo.edu>, qrp-1@Lehigh.EDU
Subject: [23214] Re: insulated shaft coupler
Message-ID: <19970717122944.AAA3228@LOCALNAME>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

At 02:06 AM 7/17/97 +0000, you wrote:
>That is an idea. I am sure I have some.
>

.....
In my haste, forgot to mention that there are several
kinds of re-inforced hose that reduce "backlash) because
they're more rigid. Home Depot and ACE provide a good
assortment. Also, tie-wraps are usually suitable for
clamps rather than those pesky s.s. hose clamps, esp.
if you split the tubing to facilitate grip on shaft. =s=

"Seab" Lyon -- AA1MY
Bethel, CT; USA FN-31-HJ
ARCI #9253; QRP-L # 574
NEQRP# 511; ARRL; QCWA;
C.A.R.A.

Date: Thu, 17 Jul 1997 08:48:28 -0400 (EDT)
From: Chris Cartwright <ccart@dns.vidtel.com>
To: QRP Reflector <qrp-1@Lehigh.EDU>
Subject: [23215] Re: SST-13
Message-ID: <Pine.LNX.3.93.970717084514.546B-100000@dns.vidtel.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Thu, 17 Jul 1997, Dan Presley wrote:

> now. I am having a problem with the audio level of the "sidetone" being
> very hot, and I have to back off the audio gain before xmit or my ears are
> blown off! I realize that it's actually monitoring the output- Anyone else
> experience this, or is it unique? Other than that, it recieves quite well,

Dan,

I had the same thing with the 30M version. I opened the IF filter up as
noted in the manual, and it improved the audio, and seemed to reduce the
sidetone a bit. Or maybe I just don't need as much volume, or I got used
to it:) I've see a few posts about the wider filter being nicer to listen
to. I've been having a blast with the little thing, gotta get that KC-1
in there though... and ABX... and RIT... and...

```
-- Chris Cartwright,   Technical Engineer   |       ccart@vidtel.com       --  
-- N3XRV               QRP WAS 17/9 (w/c)   |       ccart@erols.com       --  
-- QRP-L #655 NORCAL #1891 QRP-ARCI #????? | http://dns.vidtel.com/~ccart --  
-- WIMPS Q's=04 30M=04 17M=00 12M=00 STATES=03/00/00 DX=00/00/00 QSL's=00 --
```

Date: Thu, 17 Jul 1997 07:25:50 -0600
From: John Evans - N0HJ <jaevans@codenet.net>
To: qrp-l@Lehigh.EDU
Subject: [23216] [Fwd: FS Test Equip]
Message-ID: <33CE1D5E.3B7E@codenet.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Just forwarding this post I read in rec.radio.swap. Might be nice for
those building an equipment setup. The scope is probably worth looking
in to.

Bob Miller wrote:

>
> For Sale:
>
> 1. HP-333A Distortion analyzer, With copy of docs, and
power Cord.
> Works well, cosmetics about 8..no corrosion
> or broken knobs, etc \$150 plus ups and versapack
> on 20 lbs from 95827
>
> 2. HP 200CD oscillator, Nice Shape, Bench Model, tested

> meets HP specs with copy of docs. \$80 plus ups and
 > versapack on 20 lbs from 95827
 >
 > 3. HP 1740A 100 Mhz scope, Bright CRT, excellent cosmetics
 > nothing broken, with copy of full ops and maintenance
 > manual, no probes. \$275 plus UPS and versapack on
 > 45 lbs from 95827
 >
 > 4. General Radio Company Triple Decade Capacitor
 > model 1419M, 1000pf to 1.99 ufd in 1000 pf steps
 > (500v) Excellent Condition. \$100 post paid conus
 >
 > 5. HP3400A True RMS meter, nice shape w/copy docs
 > and power cord. \$100 pp conus.
 >
 > 6. Tektronix 422 portable scope, 15 mhz, non battery pack
 > version, works well, cosmetics 8. Tiny dent on rear top
 > of case, all knobs ok. \$125 plus versapack and ups
 > on 30 lbs from 95827
 >
 > Thanks for the read. The UPS depot in West Sacramento will not
 > take electronics equipment for shipment unless it is in its
 > original box or is versapacked (foam filled box) which is a
 > nice safe way to send the stuff and makes claims easier when
 > they do trash equipment. You can check the UPS rates on the
 > webbb <http://www.ups.com> and the versapack runs on the avarage
 > for medium boxes, which this stuff will ship in, around 10
 > dollars. I'll eat half the versapack costs or make me and
 > offer.
 >
 > Bob, KE6F

 John A. Evans Chief Systems Administrator
 Office: (719) 528-1800 x164 Titan Software Systems
 Fax: (719) 528-1888 1115 Elkton Drive, Suite 200
 email: jaevans@cos.cst.titan.com Colorado Springs, CO 80907-3535

Norcal #262 QRP-L #219 QRP-ARCI #8303 NE-QRP #213 CQC #045
 CQrp #15 NJ-QRP #50 AK-QRP #52 NW-QRP #454 FISTS #3184
 Personal Web Page: <http://www.geocities.com/capecanaveral/9773/>

 Date: Thu, 17 Jul 1997 08:27:55 -0500
 From: "Mike B. Allred" <mallred@fscu.org>

To: qrp-1@Lehigh.EDU
Subject: [23217] Rainbow tuner (thanks for the info)
Message-ID: <33CE1DDB.5E68@fscu.org>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Thanks to all who sent the info on the Rainbow tuner.

73,
Mike

--

Phone: (205) 340-2000 ext. 2036
Wats: (800) 239-5515
Fax: (205) 340-2047
mailto:mallred@fscu.org
PGP key at MIT
AR: KU4GU

Date: Thu, 17 Jul 1997 09:45 -0400 (EDT)
From: Ronald_A_Pfeiffer@ccmail.ed.ray.com
To: qrp-1@Lehigh.EDU
Subject: [23218] WHICH QRP DUMMY LOAD?
Message-ID: <01ILC83KV1WM002LPJ@ZEUS.ED.RAY.COM>
MIME-version: 1.0
Content-transfer-encoding: 7BIT

This topic will be a boar for veteran QRP'ers but for me
with no experience with this equipment I need guidance.

Which dummy load is best suited for QRP? TenTec, Radio Shack,
or any other that is your favorite...

Thanks in advance

Ron - WBOAFR

Date: Thu, 17 Jul 1997 07:13:28 -0700
From: Ed Loranger <we6w@qsl.net>
To: dwink@juno.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [23219] Re: 49Mhz to 6Meters conversion?
Message-ID: <33CE2888.687F@qsl.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I smell a pixie50 in the works!
-Ed Loranger

--

72/73 de we6w qrp es cw ONLY (From non-ham to extra in one day!)
HW-8;OHR-100, Pixie2, Johnson Viking II w/VFO.
QRP-L#1068/Norcal#2227/ARS#275/ARCI#???? grid CM88ok
mailto:we6w@qsl.net <http://www.qsl.net/we6w>

Date: Thu, 17 Jul 1997 10:20:24 -0700
From: tedk4mkx@nmaa.org (Edward Beach)
To: QRP-L <qrp-l@Lehigh.EDU>
Cc: beache@juno.com
Subject: [23220] Alinco DX70 US prices
Message-ID: <33CE5458.46A@nmaa.org>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Stephen asked about the DX70T in the US. I bought one from AES [Amateur Electronic Supply] and was pleased with their service. They have a web page <http://www.aesham.com> and can be reached via e-mail at help@aesham.com Current price shown in their on-line catalog is \$859.95 for the DX70T and \$969.95 for the DX70TH

Ted Beach - K4MKX

Date: Thu, 17 Jul 1997 07:46:48 -0700
From: Ed Loranger <we6w@qsl.net>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [23221] Homebrew Discreet Keyer Circuit?
Message-ID: <33CE3058.568A@qsl.net>
Mime-Version: 1.0

Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Quick History: I've borrowed a Homebrew keyer which operates off 120V mains. Problem is the QRO BC Station is 3 miles from my house! Comes in off the powerlines onto the jack and into the keying port of my radio.

I have Tons of transistors and would like to build a 3/6/9 Volt etc. battery operated keyer circuit. A basic and reliable design with up to 45 WPM and down to 5 WPM so I can work All Hams. Not needed now but maybe we'll have a memory keyer someday for the we6w fox.

Thought I'd ask here where the collective expertise might get me to a better design.

I'm cashless so a web schematic or location will allow this homebrewer to create.

Thanks to all.
-Ed L.

--

72/73 de we6w qrp es cw ONLY (From non-ham to extra in one day!)
HW-8;OHR-100, Pixie2, Johnson Viking II w/VFO.
QRP-L#1068/Norcal#2227/ARS#275/ARCI#???? grid CM88ok
mailto:we6w@qsl.net <http://www.qsl.net/we6w>

Date: Thu, 17 Jul 1997 11:24:52 -0400 (EDT)
From: n4js@amsat.org
To: Ronald_A_Pfeiffer@ccmail.ed.ray.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [23222] RE: WHICH QRP DUMMY LOAD?
Message-ID: <XFMail.970717112842.n4js@amsat.org>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 8bit
MIME-Version: 1.0

On 17-Jul-97 Ronald_A_Pfeiffer@ccmail.ed.ray.com typed:

>
> This topic will be a boar for veteran QRP'ers but for me
> with no experience with this equipment I need guidance.
>
> Which dummy load is best suited for QRP? TenTec, Radio Shack,

> or any other that is your favorite...

>

Only the "elitists" would use a "commercial" dummy load.(Those that would use a ((horrors)) GAIN antenna!) We TRUE qrpers use a couple of 100 ohm 2 watt resistors in parallel across a corroded old coax fitting, found at the bottom of the junk box. Actually, we REAL true QRPers don't need a dummy load, as our antennas don't radiate, anyway!

Seriously, 2 100 ohm 2 watt, or 4 200 ohm 1 watt in parallel make a FINE dummy load. Just use carbon not wire wound resistors.

Sent at 11:28:42 on 17-Jul-97

John L. Sielke n4js@amsat.org n4js@pobox.com
n4js@n4js.ampr.org NJ Grid:FM29LN
http://www.qsl.net/n4js NJ-QRP #57 QRP-L #884
QRP-ARCI #9328 CQC #443 CQrp #50
NE-QRP #507 G-QRP #9544 NorCal #1989 QCWA FISTS #2781 ARS #243
WIMPS Qs=027 30m=24 17m=3 12m=0 States=09/02/00 Countries=14/02/00

Date: Thu, 17 Jul 1997 11:40:38 -0700
From: Jim <kw3u@warwick.net>
To: qrp-l@Lehigh.EDU
Subject: [23223] met murphy this weekend
Message-ID: <33CE6726.73CB@warwick.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi gang;

As the subject suggests I have done it again, and to deal with the guilt I'll share it here.

Recently bought a qf1a audio filter, so naturally had to test it on every qrp rig I have. The shelves are creaking under the massive weight of an HW-8, OHR sprint, OHR spirit, argo 505 and the trusty IC-725. Batteries, cables, assortment of straight keys

OK. Had a ball what a neat little filter, Dang the YL wants to go for drive etc etc..no problem I have sunday and monday off.

Sunday morning with hot mug of coffee I tiptoe to the basement shack and fire up the 725 and check 10 & 15...dead....20 sounds open; off to 14060 for some cq s.WOW some jerk tuning up with nice s8 signal. 5 minutes later still there...my luck a nutcase...oh well off to 40 and nice ragchews.

Sunday pm 20 shud be good now,,,geez the signal is still there. I listen for 5 minutes straight (this was possible due to playing

out in the sun for 2 hours watering veggies_no rain in long time -
but armed with a cold frosty I tune and determine what the signal is)

After doing an indepth analysis of the frequency and using different
antennas (and a few more cold brewski's)(I know! but it's my day off)
I come to a conclusion. The light bulb comes on. It's that guy
in the QST amplifier ad that puts bricks on keys and leaves the amp
on....yup! Figured that one out.

Monday AM, better confirm that my buddies hear it before I
give the info to FCC & ARRL etc. Thats odd, no one else hears it?
Hmmm maybe one of them has the brick? This isn't good, lesse I think
everything else is turned off...yup looks good..unplug cordless fone..
no help..unjack cables..nothing....battery lines to rigs disconnected
wait heres one..unplug fm battery YIPPEE the signal is gone,now to
figure it out. the battery was connected to hw-8, nothing else plugged
into the hw8--darn it was turned on. tuned to 14060 also(real shocker).

I've learned something from this.

1. there is no on/off indicator lite on hw-8
2. it puts out a qrp sig without key
3. the guy with the brick made me do it.

tnx for listening, I feel better and now off to my next
adventure.

72 JIM KW3U

Date: Thu, 17 Jul 1997 11:54:40 -0400 (EDT)
From: ARDUJENSKI@aol.com
To: qrp-1@Lehigh.EDU
Subject: [23224] ANTENNA TUNING
Message-ID: <970717115440_983024372@emout10.mail.aol.com>

Looking for advice from the "experts on ANTENNA TUNING.
I cut the wire according to "formulas" but these are generally only close
guestimates; partially because of velocity factors and reaction with
surrounding structures (I assume). The several books I have read don't seem
to address these questions:

(1) What is most effective way for tuning wire or dipole antennas? SWR or
BRIDGE? Do you need to shorten a bit at a time and put back up or can you do
it effectively at ground level (keeping antenna off ground of course)?

(2) TUNED RADIALS: I know their importance with verts and endfed wires but
are they of any value in improving the "ground" even for dipoles?

TNX for all the great comments and responses to NEW QRPer!

Thanks in advance for sharing your experiences...Alan KB7MBI

Date: Thu, 17 Jul 1997 12:05:46 -0400 (EDT)
From: Stephan Greene <sgreene@washsq.com>
To: n4js@amsat.org
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [23225] RE: WHICH QRP DUMMY LOAD?
Message-ID: <Pine.LNX.3.95.970717120142.20352H-1000000@europa.washsq.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Thu, 17 Jul 1997 n4js@amsat.org wrote:

> Only the "elitists" would use a "commercial" dummy load. (Those that would use a
> ((horrors)) GAIN antenna!) We TRUE qrpers use a couple of 100 ohm 2 watt
> resistors in parallel across a corroded old coax fitting, found at the bottom
> of the junk box. Actually, we REAL true QRPers don't need a dummy load, as our
> antennas don't radiate, anyway!

I have an old 50-ohm load I made back when I had a working PM2 (2W out on a good day). Used a single 2W carbon resistor, one end soldered to the center pin of a PL-259 plug, the other end to the center of a thin metal (copper or brass, I think) plate that was in turn soldered to the shell of the PL259. I guess I could have filled it with mineral oil and added heat fins for QRO (5W) use <grin>. I still have it someplace.

Seriously, a home brew dummy load should be fine for HF use. At VHF/UHF, physical layout and components become more critical to ensure that the resistive 50-ohm load is really resistive and 50 ohms at the desired frequency.

73, Steve KA1LM

Stephan A. Greene sgreene@washsq.com
PGP Public Key 0xB96717F5 1996/10/01 at <http://ww2.washsq.com/~sgreene/>

Date: Thu, 17 Jul 1997 12:17:59 -0400
From: "Watson R Gabriel Jr" <wgabriel@duke-energy.com>
To: qrp-l@Lehigh.EDU
Subject: [23226] RE: WHICH QRP DUMMY LOAD?

Message-ID: <852564D7.005874DC.00@dpcmail.dukepower.com>
Mime-Version: 1.0
Content-Type: text/plain; charset=US-ASCII

To echo what John sez, I like to take 4 of the 200-ohm resistors, tie one end of each to the center post of an SO-239 connector and fasten the other end of each resistor to the 4 corner mounting holes (with bolts or bolts + solder lugs - whatever is handy). Have done the same with smaller resistors and the BNC panel connector. You can even create mis-matches on purpose for check the accuracy of your SWR bridge or to calibrate. At the frequencies and accuracies we are working with, these are close enuff for "amateur" work!

Another option I use and have gone up to around 20-watt loads is to take 19 or 20 1000-ohm, 1-watt resistors and sandwich them between 2 pieces of PWB material. You can then add in a suitable connector to your "design" (all you have to do is drill holes - no etching), preferrably in the "center" of the resistor array or solder coax directly to it. On the coax you can flair-out the braid for one connection and let the center conductor and dielectric pass on thru a hole to the other piece of PWB where it is soldered. This is easier to draw than explain verbally!

Hope this helps. Watson/WB4EXW

----- Forwarded by Watson R Gabriel Jr/Gen/DukePower on
07/17/97 12:06 PM -----

n4js @ amsat.org
07/17/97 11:24 AM

Please respond to n4js@amsat.org

To: qrp-1 @ Lehigh.EDU
cc: (bcc: Watson R Gabriel Jr/Gen/DukePower)
Subject: RE: WHICH QRP DUMMY LOAD?

Seriously, 2 100 ohm 2 watt, or 4 200 ohm 1 watt in parallel make a FINE dummy load. Just use carbon not wire wound resistors.

John L. Sielke n4js@amsat.org n4js@pobox.com

Date: Thu, 17 Jul 1997 11:22:55 -0500 (CDT)
From: Bill Howell <bhowell@mail.utexas.edu>
To: qrp-l@Lehigh.EDU
Subject: [23227] Cee Bee conversions
Message-ID: <199707171622.LAA24414@mail.utexas.edu>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Found an interesting Web page that lists various PLL chips
for CB's. The info tells if a particular PLL circuit is
easily modifiable/modifiable with difficulty/not modifiable.
<http://www.superior.net/~haggis/cb.html>

Yea, I know it's a CB page, aimed at freebanders, bt it is
information.

Here's an exerpt from the page:

PLL# M58472P

Models include:- Channel Master CB6830/CB6832, GE 3-5800
/3-5801A/3-5810A/3-5871A/3-5821A, Teaberry 'T' Charlie/ Racer 'T'

This chip uses binary programming and preset Ncode ranges.

It can be easily modified by changing the loop mixing crystal

Bill Howell
University of Texas at Austin
Performing Arts Center
Electronic Maintenance
voice 512.471.1388
bhowell@mail.utexas.edu
N5ALO QRP-L #415

belief preceeds experience

Date: Thu, 17 Jul 1997 09:32:32 -0700
From: Ed Loranger <we6w@qsl.net>
To: wgabriel@duke-energy.com
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [23228] Re: WHICH QRP DUMMY LOAD?
Message-ID: <33CE4920.3819@qsl.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

There are commercially manufactured loads using the technique below and identify the array as a Resistive 'Card'.

Good Advice!

-Ed L.

> Another option I use and have gone up to around 20-watt loads is to take
> 19 or 20 1000-ohm, 1-watt resistors and sandwich them between 2 pieces of
> PWB material. You can then add in a suitable connector to your "design"
> (all you have to do is drill holes - no etching), preferably in the
> "center" of the resistor array or solder coax directly to it. On the coax
> you can flair-out the braid for one connection and let the center conductor
> and dielectric pass on thru a hole to the other piece of PWB where it is
> soldered. This is easier to draw than explain verbally!
>

72/73 de we6w qrp es cw ONLY (From non-ham to extra in one day!)
HW-8;OHR-100, Pixie2, Johnson Viking II w/VFO.
QRP-L#1068/Norcal#2227/ARS#275/ARCI#???? grid CM88ok
mailto:we6w@qsl.net <http://www.qsl.net/we6w>

Date: Thu, 17 Jul 1997 11:33:50 -0500
From: James Parsons <k5rov@worldnet.att.net>
To: kw3u@warwick.net
Cc: qrp-1@Lehigh.EDU
Subject: [23229] Re: met murphy this weekend
Message-ID: <33CE496E.783A@worldnet.att.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Jim wrote:

>
> Hi gang;
> As the subject suggests I have done it again, and
> to deal with the guilt I'll share it here.
> Recently bought a qfla audio filter, so naturally had to
> test it on every qrp rig I have. The shelves are creaking under
> the massive weight of an HW-8, OHR sprint, OHR spirit, argo 505
> and the trusty IC-725. Batteries, cables, assortment of straight keys
> OK. Had a ball what a neat little filter, Dang the YL wants to
> go for drive etc etc..no problem I have sunday and monday off.
> Sunday morning with hot mug of coffee I tiptoe to the basement
> shack and fire up the 725 and check 10 & 15...dead....20 sounds open;
> off to 14060 for some cq s.WOW some jerk tuning up with nice s8 signal.
> 5 minutes later still there...my luck a nutcase...oh well off to 40
> and nice ragchews.
> Sunday pm 20 shud be good now,,,geez the signal is still there.
> I listen for 5 minutes straight (this was possible due to playing
> out in the sun for 2 hours watering veggies_no rain in long time -
> but armed with a cold frosty I tune and determine what the signal is)
> After doing an indepth analysis of the frequency and using different
> antennas (and a few more cold brewski's)(I know! but it's my day off)
> I come to a conclusion. The light bulb comes on. It's that guy
> in the QST amplifier ad that puts bricks on keys and leaves the amp
> on....yup! Figured that one out.
> Monday AM, better confirm that my buddies hear it before I
> give the info to FCC & ARRL etc. Thats odd, no one else hears it?
> Hmmm maybe one of them has the brick? This isn't good, lesse I think
> everything else is turned off...yup looks good..unplug cordless fone..
> no help..unjack cables..nothing....battery lines to rigs disconnected
> wait heres one..unplug fm battery YIPPEE the signal is gone,now to
> figure it out. the battery was connected to hw-8, nothing else plugged
> into the hw8--darn it was turned on. tuned to 14060 also(real shocker).
> I've learned something from this.
> 1. there is no on/off indicator lite on hw-8
> 2. it puts out a qrp sig without key
> 3. the guy with the brick made me do it.
> tn timer listening, I feel better and now off to my next
> adventure.
> 72 JIM KW3U

Been there! Done that!! If it makes you feel any better (it does me),
You are not alone. Like the time I tore my receiver apart because it
wouldn't work, only to find we had a communications blackout due to
sunspots. Thing is, we are just coming out of the closet and admitting
things like that. Is that progress?

Jim, K5ROV

--

James (Jim), Parsons, K5ROV USAF, Ret.
k5rov@worldnet.att.net QCWA, NWQRP, Fists, ARRL
EX: W1RLA, K5FBB, K4FEO, SV0WN (CRETE), SV0WN (RHODES),
DL4NC, DL4JP, KA2FC (JAPAN), KA2JP (JAPAN).
JOHN 3:16

Date: Thu, 17 Jul 1997 12:42:15 -0400
From: "Watson R Gabriel Jr" <wgabriel@duke-energy.com>
To: qrp-1@Lehigh.EDU
Subject: [23230] Dummy Load Note
Message-ID: <852564D7.005B7ED4.00@dpcmail.dukepower.com>
Mime-Version: 1.0
Content-Type: text/plain; charset=US-ASCII

Well, don't "flame" me too badly on the the grammer, etc in my earlier
note. That's what I get for trying to write that note and talk REAL
business on the phone at the same time!!! Let's see - where is the real
"conflict of interest"?

Hee! Hee!

Watson/WB4EXW

Date: Thu, 17 Jul 1997 09:57:21 -0700 (PDT)
From: Kory Hamzeh <kory@avatar.com>
To: Chris Cartwright <ccart@dns.vidtel.com>
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [23231] Re: SST-13
Message-ID: <Pine.BSI.3.91.970717095608.26425B-100000@avatar.avatar.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Thu, 17 Jul 1997, Chris Cartwright wrote:

>
> I had the same thing with the 30M version. I opened the IF filter up as
> noted in the manual, and it improved the audio, and seemed to reduce the
> sidetone a bit. Or maybe I just don't need as much volume, or I got used
> to it:) I've see a few posts about the wider filter being nicer to listen
> to. I've been having a blast with the little thing, gotta get that KC-1
> in there though... and ABX... and RIT... and...
>

Now that you mentioned RIT

I ordered the RIT board for the NE4040 from Dan's Small Parts. Once I get my SST to work properly (no howling!) I will try it and let you guys know how it works.

Kory
AC6RN

Date: Thu, 17 Jul 1997 13:02:59 +0600
From: Rick Powell - WB6JBM <ripowell@mpna.com>
To: qrp-l@Lehigh.EDU
Subject: [23232] Re: met murphy this weekend
Message-ID: <1.5.4.32.19970717070259.002e9f64@smtp.mpna.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Are you sure it isn't the tester who fell asleep on the key?
/rick

At 11:40 AM 7/17/97 -0700, kw3u@warwick.net wrote:
>in the QST amplifier ad that puts bricks on keys and leaves the amp
>on....yup! Figured that one out.
>
Argonaut 505 - MFJ 9020 - 38 Special
<http://www.mpna.com/ripowell> ripowell@mpna.com
WB6JBM/8/QRP Richard Powell
QRP-L - #1118 Cincinnati, OH
TENTEN - 13044

Date: Thu, 17 Jul 97 11:08:45 MDT
From: Dale Anderson <dalea@artemis.fc.hp.com>
To: qrp-1@Lehigh.EDU
Subject: [23233] Re: WHICH QRP DUMMY LOAD?
Message-ID: <9707171708.AA21546@artemis.fc.hp.com>

Well, for my QRPP work, I have a PL-259 connector with two 1/4w, 100 Ohm 5% resistors I soldered INSIDE. They are WAY down inside, connected parallel with one lead from each resistor to the center conductor and the others to the holes in the "shield", then, I injected about half a tube of silicon heat transfer grease inside the shield holes covering the resistors, then sealed all holes. Therefore, this "load" isn't any bigger than the connector itself, and I've fed this 1/2w load with as much as 5w (for 20 seconds) with no detectible damage or change in Z. It still presents a resistive Z of 50 Ohms, all the way up to UHF! Probably because the resistors are housed within the connector with extremely short leads.

Makes for a small, self-contained, light-weight, inexpensive, fits-in-ur-pocket, load for low power work and can be built in 5 minutes from stuff you probably already have in ur shack.

72 es 73,
de Dale, KB0VCC
Fort Collins, CO
QRP-L # 91 / CQC #251
ARS #234 / FISTS #3172

P.S. You need tweezers and steady hands to fish the leads into the holes they belong, before soldering. Keep everything as SHORT as possible.

Date: Thu, 17 Jul 1997 13:05:30 -0400
From: "Bob Kellogg" <ae4ic@nr.infi.net>
To: "qrpforum" <qrp-1@Lehigh.EDU>
Subject: [23234] Tuner Tests
Message-ID: <199707171715.NAA22926@mh004.infi.net>

MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

Gang,

Has anyone saved a copy of one of the tuner test reports I was issuing earlier this year?

I'm embarrassed to admit that when my hard disc crashed, I did not have my email files backed up. Now, I'm ready to do some more tuner testing. I have all of the raw data from my tests, but do not have a copy of the report format I was using. I had condensed the data into five or six test categories and was attempting to report comparative information on these categories.

If anyone happened to save one of those reports and could send me a copy, I'd really appreciate it. (it would save me several hours of work)

(maybe this will tell me whether anyone cared about the tuner test reports!)

Thanks, and CUL,
Bob Kellogg, AE4IC, Greensboro, NC
Probably, but not necessarily. -- Benny Hill

Date: Thu, 17 Jul 1997 11:39:45 -0600
From: John Evans - N0HJ <jaevans@codenet.net>
To: qrp-1@Lehigh.EDU
Subject: [23235] [Fwd: FS: HW-8 Radio]
Message-ID: <33CE58E1.4174@codenet.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I don't want to make this a habit, but I am sure someone will be interested.

john - n0hj

Ted Sweetman wrote:

>

> I have a HW-8 QRP radio for sell. It includes a gel cell, headset,
> charger and cables. \$150 plus shipping, Ted. N5QHE

Subject: [23237] Re: Tech America Catalog
Message-ID: <3.0.32.19970717152853.006e7960@mail.vt.edu>
Mime-Version: 1.0
Content-Type: text/enriched; charset="us-ascii"

>Does anyone know why Tech America/Tandy does not carry:

>(1) transistors

>(2) linear ic's

>(3) computer crystals

>(4) trim caps

>(5) a web page

>

>(Ah, but they do have 18 pages of diodes, voltage regulators, and transient

>suppressors!)

>

>I guess it's a start, though a bit uneven (for us RF homebrewers). And the

>no minimum \$\$.

Yea, and neither does Mouser. And they have 1-5 above.

Ranson J. Pelt

QST de w4wyt ex-nz4i <bold><bigger><bigger><bigger>VA TECH
HOKIES

</bigger></bigger></bigger></bold>

semper fi

Date: Thu, 17 Jul 1997 12:31:29 -0700 (PDT)
From: Kory Hamzeh <kory@avatar.com>
To: qrp-1@Lehigh.EDU
Subject: [23238] Re: HELP, my SST howls
Message-ID: <Pine.BSI.3.91.970717122806.27255B-100000@avatar.avatar.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

To all of you who wrote to me complaining about the same problem that I am seeing, I have not come up with a fix yet. I sent e-mail to Wayne, but have not heard back. No one else (except for one person) has offered any hints. I found this a bit surprising considering the number of talented knowledgeable people we have on the list. On the upside, it makes me feel a little better that I'm not the only one experiencing this problem.

If I found out anything, I will post it to this list.

Thanks,
Kory
AC6RN

> >I just finished build my 30M SST, it seems to work well, except for the
> >fact that the receiver starts to howl (go into feedback or oscillation)
> >when I tune to a strong signal and the volume is turned all the way up.
> >If I back down on the volume, the howling stops. While it is howling, the
> >AGC LED is pegged.
>

Date: Thu, 17 Jul 1997 15:35:40 -0400 (EDT)
From: Martin Squicciarini <skitch@resuba.com>
To: qrp <qrp-1@Lehigh.EDU>
Subject: [23239] 50/40/30
Message-ID: <Pine.LNX.3.91.970717153108.17699A-100000@resuba.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Just a reminder tha it's my turn for 50/40/30. I just put up a new Delta

loop so it will be interesting to see how it plays. Here's the game plan

0 - 2 Z 10.115 +/- That's 8 - 10 PM on the East Cost
2 - 4 Z 7.043 +/- That's 8 - 10 PM in the Mountains
~2:30 Z 7.115 +/-

This is your chance to work PA and if you collect Prefixes you get a bonus with my call. Hope to see you tonight.

72/73

Marty Squicciarini NR3Z
skitch@resuba.com (home)

Date: Thu, 17 Jul 1997 14:53:08
From: Steven Weber <kd1jv@ncia.net>
To: qrp-1@Lehigh.EDU
Subject: [23240] test
Message-ID: <3.0.1.16.19970717145308.26b79766@ncia.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

I'll get this to work yet...
Steve, KD1jv....In the White Mountains of New Hampshire

"Melt Solder"

Date: Thu, 17 Jul 1997 14:07:42 -0600
From: John Evans - N0HJ <jaevans@codenet.net>
To: qrp-1@Lehigh.EDU
Subject: [23241] RE: Tech America Catalog
Message-ID: <33CE7B8E.64FE@codenet.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

RFMooreJr@aol.com wrote:

>
> Does anyone know why Tech America/Tandy does not carry:
> (1) transistors
> (2) linear ic's
> (3) computer crystals

> > ((horrors)) GAIN antenna!) We TRUE qrpers use a couple of 100 ohm 2 watt
> > resistors in parallel across a corroded old coax fitting, found at the bottom
> > of the junk box. Actually, we REAL true QRPers don't need a dummy load, as our
> > antennas don't radiate, anyway!

> I have an old 50-ohm load I made back when I had a working PM2 (2W out on a
> good day). Used a single 2W carbon resistor, one end soldered to the
> center pin of a PL-259 plug, the other end to the center of a thin metal
> (copper or brass, I think) plate that was in turn soldered to the shell of
> the PL259. I guess I could have filled it with mineral oil and added heat
> fins for QRO (5W) use <grin>. I still have it someplace.

> Seriously, a home brew dummy load should be fine for HF use. At VHF/UHF,
> physical layout and components become more critical to ensure that the
> resistive 50-ohm load is really resistive and 50 ohms at the desired
> frequency.

Steve & gang,

For a dummy load I usually use a PC network 50 Ohm terminator. At one
time we got a terminator resistor with each new network card. We never
needed any of them at work, so they were all over the place. I keep a
few at hand and although they're rated at one watt only, I find you
can use them at a few watt at least provided you do it for limited
periods of time. It's easy enough to feel if the 'terminator' dummy
load is getting too hot. The ones we have came with BNC connectors,
which is my preferred style anyway.

An idea perhaps?

Arjen Raateland

Finnish Environment Institute, Helsinki, Finland
SAS Support
EMAIL: Arjen.Raateland@vyh.fi
tel. +358 9 4030 0457
fax +358 9 4030 0490
.-.-. -.-

Date: Thu, 17 Jul 1997 13:25:48 -0700 (MST)
From: Joe Gervais <vole@primenet.com>
To: qrp-l@Lehigh.EDU
Subject: [23243] Sierra Vitamin V Mod, Anyone?
Message-ID: <199707172025.NAA02476@usr08.primenet.com>

Howdy Folks,

Has anyone done the Beefy Zener/Resistor mod to their Sierra for feeding the critter more than 14V? (Ref: Wayne's "Vitamin V" post long ago.)

I want to run a full 5 watts (gimme it ALL, man! Biggest Bumblebee on the block! :-)) , and it seems that feeding the Sierra with 17V is as close as I can get with minimum fuss. Heck, what's 2 more AA batteries in series? But wanted to check if any of you had tried this out, hear your experiences, etc.

Yep, I'm aware it'll suck down the milliamps faster but hey, I've only gotta be airborne for 4 hours. We're bees, not geese. :)

(Cecil, can't wait to hear your blurb on the lightweight "Tunerless 40m dipole" up at Tuthill! Could this beast be fed on 15m too, given a fourth piece of twinlead? Enquiring bees wanna know! Bring a prototype to Tuthill and I'll even field test it for you. ;-))

Thanks!

Cheers de AB7TT,

-Joe, vole@primenet.com, AZ ScQRPions (Phoenix)

"And now... The exploding Blue Danube."

Date: Thu, 17 Jul 1997 16:30:19 +0600
From: Rick Powell - WB6JBM <ripowell@mpna.com>
To: qrp-l@Lehigh.EDU
Subject: [23244] RE: Tech America Catalog
Message-ID: <1.5.4.32.19970717103019.002ef89c@smtp.mpna.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

uh-oh....

Your message

To: bob@techam.com

Sent: Thu, 17 Jul 1997 05:20:10 -0500

bob@techam.com on Thu, 17 Jul 1997 15:24:19 -0500

MSEXCH:IMS:Tandy:Exchange1:NTMAILA 0 (000C05A6) Unknown Recipient

>RFMooreJr@aol.com wrote:

>> Does anyone know why Tech America/Tandy does not carry:

```
>> (2) linear ic's
```

```
>> (4) trim caps
```

>> (5) a web page

>>

```
>> (Ah, but they do have 18 pages of diodes, voltage regulators, and transient
>> suppressors!)
```

 $\succ$

>Bob et al.,

 $\succ$

```
> I spoke with Bob Miller personally during my visit to the TechAmerica
>store in Denver. As I mentioned, he is receptive to listening to you
>and addressing your needs.
```

>

```
> His email is bob@techam.com or rmille1@tandy.com. Voice your needs
>and concerns, but remember - you will have better luck catching flies
>with honey versus vinegar. A nice invitation to join the list with
>info on how would probably be appreciated, too - that way, he can
>keep his finger on the pulse, so to speak!!!!
```

 $\succ$

```
>john
```

>-----

>John A. Evans	Chief Systems Administrator
>Office: (719) 528-1800 x164	Titan Software Systems
>Fax: (719) 528-1888	1115 Elkton Drive, Suite 200
>email: jaevans@cos.cst.titan.com	Colorado Springs, CO 80907-3535

>-----

>Norcal	#262	QRP-L	#219	QRP-ARCI	#8303	NE-QRP	#213	CQC	#045
>CQrp	#15	NJ-QRP	#50	AK-QRP	#52	NW-QRP	#454	FISTS	#3184

>Personal Web Page: <http://www.geocities.com/capecanaveral/9773/>

>-----

 $\succ$

>
>
Argonaut 505 - MFJ 9020 - 38 Special
<http://www.mpna.com/ripowell> ripowell@mpna.com
WB6JBM/8/QRP Richard Powell
QRP-L - #1118 Cincinnati, OH
TENTEN - 13044

Date: Mon, 14 Jul 1997 23:16:36 utc
From: k7sz@juno.com (Richard H. Arland)
To: qrp-l@Lehigh.EDU
Subject: [23245] QRPP Arrived Today!
Message-ID: <19970714.231639.4663.0.k7sz@juno.com>

Man, there must be something really wrong.....I got my Summer '97 QRPP
today.....Got th espring QRPP 2 weeks ago!

Good jub, Dougie!

73 rich K7SZ

Date: Thu, 17 Jul 1997 13:56:12 -0700
From: Richard Wilkerson <richqrp@cts.com>
To: qrp-l@Lehigh.EDU
Subject: [23246] QRPP
Message-ID: <33CE86EC.477E@cts.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

QRPP just arrived and great as usual!!!!!!

--

72's..... Rich
Rich Wilkerson, WD6FDD, Santee, Ca.
NorCal, ARCI, ScQRPions, E.C.R.A.
Boatanchors

Date: Thu, 17 Jul 1997 16:10:46
From: Steven Weber <kd1jv@moose.ncia.net>
To: qrp-1@Lehigh.EDU
Subject: [23247] mailer fixed
Message-ID: <3.0.1.16.19970717161046.2bdf6c24@mailhost.ncia.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

I think I'll finally fixed the problem with my mailer. I've been able to read the mail for goin on two weeks, but unable to post. This mailer looks like it's working right. What a nightmare....

Steve, KD1jv....In the White Mountains of New Hampshire

"Melt Solder"

Date: Thu, 17 Jul 1997 14:13:55 -0700 (MST)
From: Joe Gervais <vole@primenet.com>
To: qrp-1@Lehigh.EDU
Subject: [23248] WBL Keyer help, please
Message-ID: <199707172113.0AA05314@usr08.primenet.com>

Howdy again Folks,

Been trying to call WBL Designs, but no answer. Thought I'd bug the List again, so to speak. Does WBL make an H2L, i.e. a horizontal version of the V2L? The V2L looks nice, but I really prefer the lower profile of a horizontal paddle. Granted I don't really have any idea how tall the V2L is. Only looked at the pics on Chuck's webpage. If it's less than 4 inches tall, I guess I could live with it. Looking for an iambic paddle I can cruise at 40wpm with one day. (No time soon, I assure you. :-)

I'm still practicing with my limited edition NQ7X VibroFloyd keyer, hope to have the hang of iambic soon!

Thanks again. I'll stop bugging you now. Really. :)

Cheers de AB7TT,

-Joe, vole@primenet.com, AZ ScQRPions (Phoenix)

"And now... The exploding Blue Danube."

Date: Thu, 17 Jul 1997 12:12:23 -0700
From: Ed Loranger <we6w@qsl.net>
To: RFMooreJr@aol.com
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [23249] Re: Tech America Catalog
Message-ID: <33CE6E97.219D@qsl.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

RFMooreJr@aol.com wrote:

>

> Does anyone know why Tech America/Tandy does not carry:

...<snip>

> (5) a web page

>

web page is: <http://www.techam.com>

And I want RF Transistors, mixers Ferrites/Toroids!!!!!!

ME TOO!

-Ed L.

--

72/73 de we6w qrp es cw ONLY (From non-ham to extra in one day!)

HW-8;OHR-100, Pixie2, Johnson Viking II w/VFO.

QRP-L#1068/Norcal#2227/ARS#275/ARCI#???? grid CM88ok

mailto:we6w@qsl.net <http://www.qsl.net/we6w>

Date: Thu, 17 Jul 1997 11:10:45 -0700
From: Ed Loranger <we6w@qsl.net>
To: ripowell@mpna.com
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [23250] Re: met murphy this weekend
Message-ID: <33CE6025.7E41@qsl.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

And Answered his own CQ?

"And I woke up, heard a V-E-R-Y weak Station sending a tone. He never answered. Tried all night. Woke Jake up for his shift in the AM. "Don't bother hooking up the Pixie xcvr, some guy's hogging ur freq."

Can you guess what was on all night.
-Ham Fantasy by Ed L.

Rick Powell - WB6JBM wrote:

>
> Are you sure it isn't the contester who fell asleep on the key?
> /rick
>
> At 11:40 AM 7/17/97 -0700, kw3u@warwick.net wrote:
> >in the QST amplifier ad that puts bricks on keys and leaves the amp
> >on....yup! Figured that one out.
> >
> Argonaut 505 - MFJ 9020 - 38 Special
> <http://www.mpna.com/ripowell> ripowell@mpna.com
> WB6JBM/8/QRP Richard Powell
> QRP-L - #1118 Cincinnati, OH
> TENTEN - 13044

--

72/73 de we6w qrp es cw ONLY (From non-ham to extra in one day!)
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Date: Thu, 17 Jul 1997 17:24:41 -0400
From: Bob Hirsch <bobh@p3.net>
To: vole@primenet.com, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [23251] Re: WBL Keyer help, please
Message-ID: <3.0.1.32.19970717172441.00777678@p3.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

At 14:13 7.17.97 -0700, Joe Gervais wrote:
>

Hi Joe --

He makes the V2L and the new one, the V22, both vertical configs. They

don't walk because of that design. I have the V22 and it's 3 1/2" tall. I think you'll love it and even get to like it's unorthodox look.

Here's the info so you can check if you're dialing the right number.

WBL Design
Stan Hails, W9WBL
6345 Coffman Road
Indianapolis, IN 46268-2591

800.726.8936

72/73 de Bob, W3CW

Date: Thu, 17 Jul 1997 16:18:37 -0700
From: "Phil, K6LS" <k6ls@qsl.net>
To: qrp-l@Lehigh.EDU
Cc: vhf@w6yx.stanford.edu
Subject: [23252] tower guying ???
Message-ID: <33CE9A3D.66B@qsl.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

A little side project I have going on here is to plan the installation of my tower. I am looking at Rohn 25g going up about 60-70', and planning on installing per the 110mph wind speed chart. (I plan on putting up an HF tri-bander, 6m, 2m and 430 beams on top with an hf wire ant. a bit below.)

What is available to guy the tower, and is basically rf 'transparent'? (of course I don't want to compromise on safety!)

I would be interested to know of your experience and of any places where I can obtain more info on installations and products available.

Please reply direct, If you are interested in the reply's, let me know and I will forward direct to you (free's up the list bw)

thanks,

--
73 de Phil, K6LS/0
QRP-L #612

k6ls@amsat.org
DM79or, Arapahoe County, Colorado
ITU zone 7, CQ zone 4
<http://www.qsl.net/k6ls>

Date: Thu, 17 Jul 1997 18:25:38 -0400 (EDT)
From: NilsBull@aol.com
To: QRP-L@Lehigh.EDU
Subject: [23253] S&S Engineering Rooolz!
Message-ID: <970717182406_-2044065170@emout02.mail.aol.com>

Amigos,

I just got back from S&S Engineering the TAC1-40m that I bought at Hamvention '97, built over the subsequent two weeks and blew up just sitting around with nothing else to do. How I blew it up? Not to ask now, joe. Bad time. Stupid gringo, make stupid mistake. No fix no how. Had to send back. Dick & Kathy they fix for dumb gringo.

Anyway, this is gonna take some gettin' used to. The rig works great. In the note that Dick wrote to tell me what a stupid gringo I am, he said that he left the hooking up of the external speaker connection to me. Taking serious chances, that one, joe. So now to have a real QSO on it before I go on vacation.

And we all realize just how much trouble it's gonna be to (a) explain this new radio to Cindy and (b) figure out how to take it and The Traveling Radio Box d'Earth (I changed the name; some folks can be so picky!) along too.

Next stop, Envirotronic paddles. I got two radios with built-in keyers now. Need paddles. Old paddles only for old radio. New radio need new paddles. Chicken good. Fire bad. Stupid gringo.

See you on the air . . . I guess for now on 40m . . . then on 30m . . . then with chicken. . . .Badger getting close . . . start fire rub two antennas together. . .

73
Nils
WB8IJN &c

Date: Thu, 17 Jul 1997 23:36:27 +0100 (BST)
From: John Fletcher <johnf@innotts.co.uk>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [23254] 49 MHz to 6 meter conversion
Message-ID: <199707172236.XAA26853@carlton.innotts.co.uk>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Hi All!

Part 1.

Just over two years ago at a radio rally I bought a couple of 49MHz single-channel walkie-talkies. They were Realistic TRC-505 sets and came with a copy of some instructions for converting them to 6 meters (I'm supposed to spell that "metres" but I won't because anybody can see you spell it the right way) which I think was a reprint from Practical Wireless magazine, and a pair of narrower crystal IF filters. I tested them and both had intermittent faults on Tx. Then I moved house, the filters and instructions went missing, and I decided that the best way to fix them would be to buy a new (working) one so I could compare voltages. I never had a spare 25 pounds to buy one, then they disappeared from the Tandy shops. Today I was in a Tandy store and saw them reduced to 19.99 and the assistant said they were being discontinued, so I bought two of them. (How could I explain buying just one walkie-talkie? Anyway I still might not be able to fix the other two!) I hope to be able to locate the instructions again. Perhaps Practical Wireless has a home page.

Part 2.

At a radio rally last year I bought a couple of Radio Shack 49 MHz radios which had headsets with a microphone and a single earphone, with the electronics mounted in a box with a belt clip. They were mechanically damaged (one had no microphone) but they're both still working. They're three-transistor rigs with regen receivers and they are crystallised for 49.86 MHz. I've found two pairs of crystals in my junk box which should triple up to the all-modes section of the six meter band. I've almost finished tracing the circuit of these rigs; I want to know just how they work, and perhaps try building another as an exercise.

I'll let you know of my progress, if any!

BTW, I'm interested in converting CB rigs to 10 meters but while AM/SSB rigs do exist over here, it's illegal to own them. They were never legally imported, so any in this country must have been smuggled; too hot to handle.

72 to all,

John G4EDX

End of QRP-L Digest 790

